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**Declaration under Rule 4.17:**

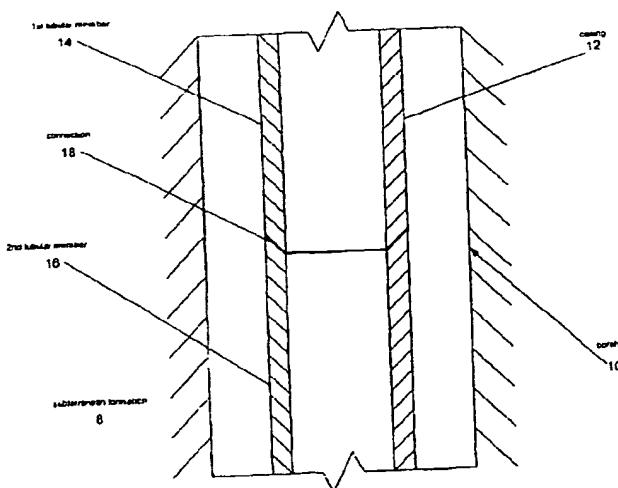
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[Continued on next page]

(54) Title: A METHOD OF RADIALLY EXPANDING AND PLASTICALLY DEFORMING TUBULAR MEMBERS



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(57) Abstract: A method of radially expanding and plastically deforming a tubular assembly comprising a first tubular member, a second tubular member, and a mechanical coupling for coupling the first tubular member to the second tubular member, the method comprising placing the mechanical coupling in tension; and then radially expanding and plastically deforming the mechanical coupling. It is emphasized that this abstract is provided to comply with the rules requiring an abstract to allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure; and is submitted with the understanding that it will not be used to limit the scope or meaning of the claims under 37 CFR 1.72.

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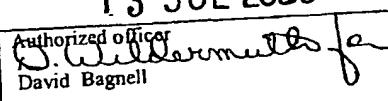


— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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<b>INTERNATIONAL SEARCH REPORT</b>		International application No. PCT/US04/28423															
<p><b>A. CLASSIFICATION OF SUBJECT MATTER</b></p> <p>IPC(7) : E21B 29/00, 17/042      US CL : 166/277,382,207,208</p> <p>According to International Patent Classification (IPC) or to both national classification and IPC</p>																	
<p><b>B. FIELDS SEARCHED</b></p> <p>Minimum documentation searched (classification system followed by classification symbols)      U.S. : 166/277,382,207,208,297,55,55.1,206,212,216,214,242.1,242.2</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p>																	
<p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)      Please See Continuation Sheet</p>																	
<p><b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b></p> <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>US 6,607,220 B2 (Sivley, IV) 19 August 2003 (19.08.2003), Figures.</td> <td>1,4,6,13,17,18,20,21,25                        ,28,30,33-                        38,41,44,45,53,57,58,6                        0,61,65-70,73,76,77</td> </tr> <tr> <td>—</td> <td></td> <td></td> </tr> <tr> <td>Y</td> <td>US 6,543,552 B1 (Metcalfe et al.) 08 April 2003 (08.04.2001), Figures.</td> <td>2,3,5,7-12,14-16,19,22-                        24,26,27,29,31,32,39,4                        0,42,43,45,47-52,54-                        56,59,62-                        64,71,72,74,75</td> </tr> <tr> <td>Y</td> <td></td> <td></td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 6,607,220 B2 (Sivley, IV) 19 August 2003 (19.08.2003), Figures.	1,4,6,13,17,18,20,21,25 ,28,30,33- 38,41,44,45,53,57,58,6 0,61,65-70,73,76,77	—			Y	US 6,543,552 B1 (Metcalfe et al.) 08 April 2003 (08.04.2001), Figures.	2,3,5,7-12,14-16,19,22- 24,26,27,29,31,32,39,4 0,42,43,45,47-52,54- 56,59,62- 64,71,72,74,75	Y		
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Y																	
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Date of the actual completion of the international search	Date of mailing of the international search report <b>13 JUL 2005</b>																
21 April 2005 (21.04.2005)																	
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 (703) 355-3230	Authorized officer  David Bagnell Telephone No. 571-272-3600																

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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US04/28423

### C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,P	US 2004/0231839 A1 (Ellington et al.) 25 November 2004 (25.11.2004), Figures.	1-77
A,P	US 2004/0060706 A1 (Stephenson) 01 April 2004 (01.04.2004), Figures.	1-77
A	US 2003/0075338 A1 (Sively, IV) 24 April 2003 (24.04.2003), Figures.	1-77
A	US 6,419,025 B1 (Lohbeck et al.) 16 July 2002 (16.07.2002), Figures.	1-77
A,P	US 2004/0221996 A1 (Burge) 11 November 2004 (11.11.2004), Figures.	1-77
A	US 2003/0042022 A1 (Lauritzen et al.) 06 March 2003 (06.03.2003), Figures.	1-77
A	US 6,527,049 B2 (Metcalfe et al.) 04 March 2003 (04.03.2003), Figures.	1-77
A,P	US 6,722,443 B1 (Metcalfe) 20 April 2004 (20.04.2004), Figures.	1-77